



GNANAMANI COLLEGE OF TECHNOLOGY

(Affiliated to Anna University - Chennai, Approved by AICTE - New Delhi,
Accredited by NBA, NAAC with "A" Grade & ISO 9001:2015 Certified Institution)

NH-7, A. K. SAMUTHIRAM, PACHAL (P.O), NAMAKKAL - 637 018

27.07.2022

INTERNAL QUALITY ASSURANCE CELL (IQAC)

Circular

22-23
IQAC

The First Internal Quality Assurance Cell (IQAC) meeting for the academic year 2022-2023 will be convened on **06.08.2022** at 10:00 am in **IQAC Board Room**. All the IQAC Members are hereby informed to attend the meeting without fail.

Agenda for the meeting is as below:

1. Review of previous minutes of meeting
2. Academic Council Meeting
3. Admission process 2022-2023
4. Review of Academic Calendar for 2022-23 Odd semester
5. NBA Compliance - Appreciation
6. Autonomous work
7. Faculty Activities
8. New Lab and Lab equipments
9. Training and Placement Cell
10. Research and Development Activities
11. Students Activities & Achievements
12. Naan Mudhalvan and Naakiya Thiran progress.
13. Inauguration of Clubs and Department Association
14. Entrepreneurship Development Cell activities
15. Promotion of ICT
16. Department Activities
17. Faculty Achievements
18. NSS/YRC Cell Initiatives
19. Any other matters.


Coordinator (IQAC)



Chairperson
Principal

Copy to : **COORDINATOR**

Internal Quality Assurance Cell Chairperson - GEI for kind information
Gnanamani College of Technology
Pachal P.O, Namakkal - 637 018
Gnanamani College of Technology
NH-7, A.K.Samuthiram, Pachal Post.
Namakkal Dist, - 637018 Tamilnadu

4. Academic Director
5. Vice Principal - Administration & Vice Principal - Academics
6. Professors / HODs - to be circulated to all faculty members
7. All IQAC Committee members
8. File

List of IQAC Committee members are as follows:

Details of Members	Representation
Dr. T.K.Kannan, Principal.	Chairperson
Dr.P.Premkumar, Chief Administrative Officer.	Management Representative
Dr.K.Sakunthala, Assistant Professor, Department of Mechanical Engineering, Government College of Engineering, Salem.	Academic Expert
Dr.K.Chandramohan, Vice Principal / Administration	Member from Administration
Dr.B.Sanjay Gandhi, Academic Director	Members of Faculty
Dr.R.Gandhi, Vice Principal / Academics	
Dr.R.Umamaheswari, Professor and Head / CSE.	
Dr.J.Chandramohan, Assistant Professor / EEE	
Dr.N.Balakrishnan, Professor and Head / Mechanical Engineering.	
Mr.K.Soundhirarajan, HoD / Civil Engineering.	
Dr.C.Narayanan, Professor/English	
Mr.M.Stalin Jose, Office Faculty	Member from Office
Mr.Rayappan Charles, Deputy Manager (Design)- Structural Design - Fuselage Group, Hindustan Aeronautics Ltd. Bengaluru	Industry Expert
Dr.Sachin S Raj, Assistant Professor, Mechanical Engineering, Sanjivani College of Engineering, Kopergaon, Maharashtra	Alumni Member
P.Manikandan, Mechanical/IV	Student Member
C.Sankar, EEE/IV	
M.Dinesh Kumar, ECE/IV	
R.Shanmugaraja, Chemical/ IV	
B.Nandha Kishore, CSE/IV	
C.Bharath, IT/ II	
Mr.N.K.Chythenyen, Proprietor , Green Connect Resource Management Solutions,Paarai Vattam,Alagapuram,Salem.	Local Society Member
Dr.R.C.Karpagalakshmi, Professor and Head/ Department of Artificial Intelligence and Data Science	IQAC Coordinator



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MINUTES OF THE INTERNAL QUALITY ASSURANCE CELL (IQAC) MEETING

Ref. No. GCT/IQAC--MoM /2022-2023/01

The first IQAC meeting for this academic year 2022-2023 was conducted on 02.08.2022 during 10 am - 1.00 pm at IQAC Board Room, Gnanamani College of Technology.

Dr. T.K.Kannan, **Chairperson**, welcomed the members of IQAC and set the context for the discussion meeting followed by review presentation made by Dr.R.C.Karpagalakshmi, Professor, Department of Computer Science and Engineering and **Coordinator of IQAC**.

Agenda for discussion

1. Review of previous minutes of meeting
2. Academic Council Meeting
3. Admission process 2022-2023
4. Review of Academic Calendar for 2022-23 Odd semester
5. NBA Compliance – Appreciation
6. Autonomous work
7. Faculty Activities
8. New Lab and Lab equipments
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13. Inauguration of Clubs and Department Association
14. Entrepreneurship Development Cell activities
15. Promotion of ICT
16. Department Activities
17. Faculty Achievements
18. NSS/YRC Cell Initiatives
19. Any other matters.

The following points were discussed

Review of previous minutes of IQAC Meeting and action taken report on the decisions of the previous meeting were readout with a formal discussion with all IQAC members. The minutes of meeting were approved by the IQAC members.

- The committee reviewed the Institution Academic Calendar for the 2022-23 odd semester and given suggestions to conduct more skill development technical programs by individual departments.
- The Committee discussed about the minutes of Academic Council Meeting conducted to associate and finalize the various academic activities of the Institution for the Academic Year 2022-23 and to review the action taken of the previous Academic Council meeting.
- The Committee had a detailed discussion on installation of New Lab and Lab equipments for the new courses as per the regulation 2021 University curriculum. It was decided to prepare a department wise quotation for the list of companies in the market to get approval from Management.
- The committee discussed about the reopening date and advised the faculty members to use innovative and creativity methods were adapted in teaching-learning process and tools during their course delivery to enhance the students learning capability.
- The committee instructed the faculty members to attend technical programs like webinars, FDP, online courses, STTPs and conferences etc to enhance the efficacy of knowledge in the domains of area of interest.
- The chairperson of IQAC appreciated NBA coordinator and faculty members for their continuous efforts for the achievement in NBA Compliance work.
- The Committee overviewed the process on Naan Mudhalvan and Naakiya Thiran courses for the welfare of the students and discussed about appointment of SPOC, staff members for various courses.
- Heads of various departments are requested to encourage the students to attend Webinars, Workshops, Conferences and Symposium at other technical institutions and also to take part in field projects, mini projects and internships to inculcate experimental and participative learning.
- The Committee encouraged the faculty members on Autonomous work and overviewed the files.
- The Committee suggested to inaugurate new clubs and Department association for students and faculties welfare.

- The Committee invoked the Training and Placement Cell to strengthen the number of placements by bringing more numbers of reputed companies for On-campus placement drives.
- The Committee reviewed the Admission process for the academic year 2022-2023, the merit scholarship and other fee concession for the welfare of the students.
- The Committee advised all the HoD's to conduct skill based technical programmes often like Workshops, seminar, FDP's and Guest lecturers for each department.
- The Chairman of IQAC advised the head of the departments to motivate their faculty members to involve in R&D activities by publishing research papers in journals, Patent publications, Conferences and by undertaking major and minor research projects from both Government and Non-Governmental funding agencies.
- The Chairman of the Committee insisted Entrepreneurship Development Cell to conduct an awareness programme on small-scale business for the students to become an entrepreneur.
- The Committee appreciated the faculty members those who have brought accolades to Institution through excellence and contribution as Chief Guest, Jury, Reviewer in reputed Journals, Best Teacher award or Young researcher award etc ..
- The IQAC Committee encouraged NSS/YRC Cell to concentrate on social welfare activities and awareness programme for rural people.

IQAC Coordinator proposed the date for the next meeting and unanimously decided the tentative schedule during the month of October 2022.


 Coordinator (IQAC)
COORDINATOR






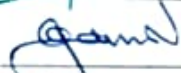










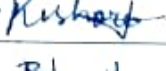




Internal Quality Assurance Cell
 Gnanamani College of Technology
 Pachal (Po), Namakkal - 637 018


 Chairperson
 Principal

Gnanamani College of Technology
 NH-7, A.K.Samuthiram, Pachal Post.
 Namakkal Dist. - 637018, Tamilnad.

- Copy to:
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 3. Governing Council
 4. Academic Director
 5. Vice Principal - Administration & Vice Principal - Academics
 6. Professors / HODs - to be circulated to all faculty members
 7. All IQAC Committee members
 8. File

The following IQAC members had attended the meeting.

Details of Members	Representation	Signature
Dr. T.K.Kannan, Principal.	Chairperson	
Dr.P.Premkumar, Chief Administrative Officer.	Management Representative	
Dr.K.Sakunthala, Assistant Professor, Department of Mechanical Engineering, Government College of Engineering, Salem.	Academic Expert	
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Dr.B.Sanjay Gandhi, Academic Director	Members of Faculty	
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Dr.J.Chandramohan, Assistant Professor / EEE		
Dr.N.Balakrishnan, Professor and Head / Mechanical Engineering.		
Mr.K.Soundhirarajan, HoD/ Civil Engineering.		
Dr.C.Narayanan, Professor/English		
Mr.M.Stalin Jose, Office Faculty		Member from Office
Mr.Rayappan Charles, Deputy Manager (Design)- Structural Design - Fuselage Group, Hindustan Aeronautics Ltd. Bengaluru.	Industry Expert	
Dr.Sachin S Raj, Assistant Professor, Mechanical Engineering, Sanjivani College of Engineering, Kopergaon, Maharashtra	Alumni Member	
P.Manikandan, Mechanical/IV	Student Member	
C.Sankar, EEE/IV		
M.Dinesh Kumar, ECE/IV		
R.Shanmugaraja, Chemical/ IV		
B.Nandha Kishore, CSE/IV		
C.Bharath, IT/ II		
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Dr.R.C.Karpagalakshmi, Professor and Head/ Department of Artificial Intelligence and Data Science	IQAC Coordinator	



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IQAC - ACTION TAKEN REPORT

Ref. NO. GCT/IQAC--ATR /2022-2023/01

Action Taken Report is prepared on the decisions of the IQAC meeting held on **02.08.2022**. To implement the decisions of the above mentioned meeting of the IQAC, the following actions were taken:

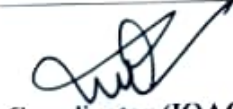
Plan of Action	Action taken
Academic Council Meeting	The minutes of the Academic Council Meeting was reviewed and the IQAC Coordinator suggested some guidelines to implement the plan for the various academic activities of the Institution for the Academic Year 2022-23. The committee has given approval for the same.
Academic Calendar	The effectiveness of the progress of the academic activities scheduled in the Institute and Department Academic Calendar was verified by the IQAC committee through audits and frequent follow-ups.
The IQAC panel discussed about the increase in intake of courses, classroom availability, Faculty requirement and laboratory set up etc.,	1 New PG course Biomedical Engineering got approved and sanctioned with the intake of 24 seats, and Department of Information Technology, Biotechnology, MBA were sanctioned to increase the intake from 60 to 120 seats and Computer Science Engineering were increased from 120 to 180 seats during the academic year 2022-2023.
Naan Mudhalvan and Naakiya Thiran courses	<ul style="list-style-type: none">• Naan Mudhalvan courses were selected by the willingness of the students and staff members were allotted for all courses.• The Corresponding course coordinators attended the training program held at various institutions.

<p>The committee discussed about the reopening date and advised the faculty members to use innovative teaching method and tools during their course delivery to enhance the students learning capability.</p>	<p>Verified whether all the faculty members used digital platform effectively for the course delivery and also checked that they incorporated innovative teaching method and tools such as quiz, puzzle, animated videos, polls etc. to make the session more interesting for the better learning of students.</p>
<p>The Committee reviewed the Admission process for the academic year 2022-2023, the merit scholarship and other fee concession for the welfare of the students.</p>	<p>The Committee verified the department wise students admitted count, strategies followed, Merit scholarship and other fee concession given during admission 2022-2023.</p>
<p>New Lab and Lab equipments</p>	<p>Department of Pharmaceutical Technology installed Technology of Dosage forms Lab with overall cost of around Rs.8,85,285.00/- on 04.07.2022 for the benefit of Students.</p>
<p>Training and Placement Cell</p>	<ul style="list-style-type: none"> • The students are to be given a full-fledged training in the areas like Soft skill, Verbal, Aptitude, Technical skills and Value Added Training on emerging fields to get placed in top notch MNCs. • In total 752 out of 492 students from various departments got placed in 2021-2022.
<p>Association Inaugural</p>	<ul style="list-style-type: none"> • Department of Bio-Medical Engineering had inaugurated its association "MED SCHMITT" on October 07, 2022.
<p>The committee instructed the faculty members to attend technical programs like webinars, online FDP, online courses, STTPs and conferences etc to enhance the efficacy of knowledge in the domains of area of interest.</p>	<p>Faculty members from all the departments have attended the technical programs like webinars, online FDP, online courses, STTPs and conferences etc. to enhance the efficacy of knowledge in the domains of area of interest. Some of the details are given below:</p> <ul style="list-style-type: none"> • Mrs.J.Gayathri, AP/AI&DS had attended 5 days FDP entitled "Recent Trends in Artificial Intelligence & Machine Learning" from 26.9.2022 to 30.09.2022. • Mr M.G.Vinodh Arrun AP/BME had attended 5 days FDP entitled "Medical Equipment Technology" in The Kavery Engineering College Mecheri,Salem.

	<p>from 26.9.2022 to 30.09.2022.</p> <ul style="list-style-type: none"> • Mr. A.Muthu Selvam AP/BT, had attended Training program "National Intellectual Property Awareness" under National Intellectual Property Awareness Mission on 03.08.2022. • Mr.R.Ganesh Kishore AP/EEE, had successfully completed the Naan Mudhalvan Train the Trainer Program "Powering IoT using Arduino/Raspberry PI" from 26.09.2022 to 30.09.2022.
Promotion of ICT	Innovative and creativity methods were adapted in teaching-learning process to enhance learning capabilities of students and increasing knowledge.
The IQAC Committee requested the HoD's to motivate their department students to participate in various skill based learning programs under other institution to enrich their technical skills in the recent technologies.	<ul style="list-style-type: none"> • 82 students from II year Agricultural engineering visited ICAR-Krishi Vigyan Kendra, Tamil Nadu Agriculture University, Mallur, Salem as Industrial Visit on 12.10.2022. • 46 students from Department of Biotechnology have visited "CSIR- Central Electrochemical Research Institute, Karaikudi-Tamilnadu" as Industrial Visit on 26.09.2022. • 105 students from Department Mechanical engineering had gone to Industrial Visit to "Namakkal Auto Expo 2022" on 17.09.2022
The Committee advised all the HoD's to conduct skill based technical programmes often like Workshops, Webinars, FDP's and Guest lecturers for each department.	<ul style="list-style-type: none"> • MCA conducted Six Days Workshop (11.07.2022 to 16.07.2022) titled Full Stack Web Development with React Specialization & Integration of MongoDB with GUI Tool Robomongo. • Department of CSE, AI&DS and IT organized one day National Level Technical Symposium on 08.10.2022 entitled "Gnan Whizzkid-2K22". • Department of EEE & ECE one day National Level Technical Symposium on 12.10.2022 entitled "Electra Communix 2K22"
The Chairman of IQAC advised the head of the departments to motivate their faculty members to involve in R&D activities	Faculties from various departments have published papers in national and international journals, conferences, funded proposals etc. Some of the

	<p>details are highlighted below:</p> <ul style="list-style-type: none"> • Mrs.P.Sathyasutha AP/CSE have published a paper entitled "A Supervised Segmentation Network for Hyper Spectral Image Classification Using Convolution Neural Network" in IJSRD. • Department of Food Technology had applied for Funding proposal in Ministry of Micro, Small & Medium Enterprises on "Algae based packaging materials for Food commodities".
Club Activities	Grand inauguration of Anti Human Trafficking Club was done on 30.09.2022.
The IQAC Committee encouraged NSS/YRC Cell to concentrate on social welfare activities and awareness programme for rural people.	<ul style="list-style-type: none"> • Organized an awareness programme in association with Samayathil Foundation "Drive against Drugs (DAD)" on 17.08.2022
Achievements	<ul style="list-style-type: none"> • Mr.K.Soundhirarajan, AP/Civil had been awarded Appreciation Awards 2022 honored by Erode District Civil Engineers Association for the contribution and hard work in developing the nation into a better place - EDCEA Engineers day celebration held on Sept 18th, 2022.
Higher Education	Conducted an Academic Convention on "Opportunities and Challenges in Higher Education" on 10.10.2022 with Smt Annpurna Devi Hon'ble Minister of State Education, Government of India.
Students Activities	<ul style="list-style-type: none"> • 10 students from Artificial Intelligence & Data Science department have completed the MSME Training program On Java Programming 29.08.22 to 3.10.22 (96 hours). • P.Yuvaraja, II.AI&DS had won II Prize in Short Film in National Level Technical Symposium and Project Contest "SCT FEST 2022" held on 29.09.2022 in Selvam College of Technology. • Bharath Kumar.A II/CSE had won I Prize in Code Debugging in National Level Technical Symposium and Project Contest "SCT FEST 2022" held on 29.09.2022 in Selvam College of Technology. • Mukesh P and Muthukumaran P IV/Chemical

	<p>Engineering had undergone an Internship Training program in Coimbatore Pioneer Fertilizers Pvt Ltd from 25.07.2022 to 09.08.2022</p> <ul style="list-style-type: none"> • Vijayakarthick A and Gopi R III/ECE, had won the I prize in Circuit Debugging in the National Level Technical Symposium and Project Contest "SCT FEST 2022" held on 29.09.2022 in Selvam College of Technology. • Dhanush Kumar R and Vinod Kumar C of ECE Department had won First prize in paper presentation on 14th National Level Technical Symposium Barnstromz 2K22 held on 29th September 2022. • Yogesh Kumar G III/EEE, had won the First prize in Circuit Modelling in the National Level Technical Symposium and Project Contest "SCT FEST 2022" held on 29.09.2022 in Selvam College of Technology. • Deepak R of Mechanical Engineering had won first prize in Chess Competition in Gaanesh College of Engineering, Salem on 23.09.2022. • Tharan Kumar J B III/Mechanical honored with the title "Mr.Mechanical" in AVS Engineering College, Salem on 30.09.2022.
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Coordinator (IQAC)

COORDINATOR

Internal Quality Assurance Cell
Gnanamani College of Technology
 Pachal (Po), Namakkal - 637 018



Chairperson

Principal

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22-23

IQAC

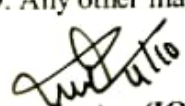
INTERNAL QUALITY ASSURANCE CELL (IQAC)

Circular

The Second Internal Quality Assurance Cell (IQAC) meeting for the academic year 2022-2023 will be convened on **15.10.2022** at 10:00 a.m in **IQAC Board Room**. All the IQAC Members are hereby informed to attend the meeting without fail.

Agenda for the meeting is as below:

1. Review of previous minutes of meeting
2. First Year Class Inauguration
3. First Year Induction Programme
4. University Exam preparations
5. Center of Excellence / MoU
6. Autonomous work
7. Research and Development Activities
8. Skill based learning program
9. Professional Bodies
10. Funded proposal
11. AQAR Submission 2021-2022
12. Department Activities / Technical symposium
13. Faculty Activities & Achievements
14. Naan mudhalvan Courses / Online Courses
15. Student's Activities & Achievements
16. Entrepreneurship Development Cell activities
17. Women Empowerment Cell Activities
18. YRC/NSS Activities
19. Any other matters.


Coordinator (IQAC)

Copy to **COORDINATOR**

Internal Quality Assurance and The Chairperson - GEI for kind information
Gnanamani College of Technology,
Pachal (Pb), Namakkal - 637018

4. Academic Director
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Chairperson

Principal
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Dr.N.Balakrishnan, Professor and Head / Mechanical Engineering.	
Mr.K.Soundhirarajan, HoD / Civil Engineering.	
Dr.C.Narayanan, Professor/English	
Mr.M.Stalin Jose, Office Faculty	Member from Office
Mr.Rayappan Charles, Deputy Manager (Design)– Structural Design - Fuselage Group, Hindustan Aeronautics Ltd. Bengaluru	Industry Expert
Dr.Sachin S Raj, Assistant Professor, Mechanical Engineering, Sanjivani College of Engineering, Kopergaon, Maharashtra	Alumni Member
P.Manikandan, Mechanical/IV	Student Member
C.Sankar, EEE/IV	
M.Dinesh Kumar, ECE/IV	
R.Shanmugaraja, Chemical/ IV	
B.Nandha Kishore, CSE/IV	
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Dr.R.C.Karpagalakshmi, Professor and Head/ Department of Artificial Intelligence and Data Science	IQAC Coordinator



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MINUTES OF THE INTERNAL QUALITY ASSURANCE CELL (IQAC) MEETING

Ref. NO. GCT/IQAC--MoM /2022-2023/02

The **second IQAC meeting** for this academic year **2022-2023** was conducted on **15.10.2022** at 10 am - 1.00 pm in **IQAC Board Room**, Gnanamani College of Technology.

Dr. T.K.Kannan, **Chairperson**, welcomed the members of IQAC meeting and set the context for the discussion followed by review presentation given by Dr.R.C.Karpagalakshmi, Professor, Department of Computer Science and Engineering & **Coordinator of IQAC**.

Agenda for discussion

1. Review of previous minutes of meeting
2. First Year Class Inauguration
3. First Year Induction Programme
4. University Exam preparations
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6. Autonomous work
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14. Naan mudhalvan Courses / Online Courses
15. Student's Activities & Achievements
16. Entrepreneurship Development Cell activities
17. Women Empowerment Cell Activities
18. YRC/NSS Activities
19. Any other matters.

The following points were discussed

Review of previous minutes of IQAC Meeting and action taken report were presented before the panel members on the decisions of the previous meeting. The last IQAC meeting was held on 06.08.2022 at 10:00 a.m. The minutes of meeting were approved by the IQAC members.

- The Chairperson of IQAC insisted the HoD's to closely monitor the student's attendance, syllabus completion, power point presentations, animated videos and other ICT tools to enhance the students learning capability.
- The committee discussed about MBA & MCA first year inaugural ceremony for the academic year 2022-2023 subsequent classes as per the direction from University.
- The Committee advised the first year Coordinator to prepare the schedule for Induction Programme for B.E/B.Tech first year students as per University guidelines.
- The IQAC Committee reviewed about the Lab experiments completion, Internal exam result analysis and the University semester exam. It is directed to complete the pending laboratory experiments and syllabus at the earliest so that students can be given coaching for the preparation of University exam.
- The Chairperson of IQAC insisted the cell in-chargers, committee members to work on the files updation with the help of faculty members for Autonomous work and overviewed the files and made some suggestions.
- The committee suggested the HoD's to link MOU with the company or to set up Center of Excellence to augment knowledge and industry practices in 'the areas of expertise'.
- The chairman of IQAC encouraged the faculty members to involve in R&D activities by applying for major and minor innovative projects, funded proposals and research grants from government and other funding agencies.
- The Committee discussed about the NAAC AQAR process for the academic year 2021-2022 and directed to submit the same by December 2022.
- The Committee directed the Training and Placement Cell to strengthen the number of placements by bringing more numbers of reputed companies for training cum placement programme.
- The Committee advised the HoD's to organize the skill development programs like Webinars, Workshops, Guest Lectures, Hands on session, Value Added Courses, Technical Symposium, Project Expo etc under each department for the students to get exposure in emerging technologies.
- The Coordinator of IQAC advised the heads of all departments to motivate their senior professors and faculty members to attend technical programs like webinars, online FDP,

online courses, STTPs and conferences etc to enhance the efficacy of knowledge in the recent technologies.

- The IQAC Committee requested the HoD's to motivate their department students to participate in various skill based learning programs like Industrial Visits and Internship under other institution to enrich their technical skills in the recent technologies.
- The Committee suggested to conduct some awareness / orientation and training programme for promoting the student's innovative ideas through Entrepreneurship Development Cell.
- The Coordinator of IQAC advised the heads of all departments to do collaborative activities with professional bodies like Webinars, Workshops and Guest Lectures for the students enrichment.
- The IQAC Committee directed the library HoD to purchase prescribed text books for the new courses as per the University regulation, Magazines and e-Journals for the benefit of both students and staff members.
- The Committee discussed and ensured about the trainers for all discipline in Naan Mudhalvan classes and overviewed the online assessment submission for various dominis and Naalaiya Thiran courses for Computer and Communication Departments.
- The Committee discussed about the issues related to women and to make the college campus a safe place for women students and faculty members by organizing awareness programs for Female Students and Faculty through Women Empowerment Cell.
- The Committee suggested to conduct Social Welfare Activities and awareness programme for rural people through NSS and YRC cell.

IQAC Coordinator proposed the date for the next meeting and unanimously decided the tentative schedule during the month of January 2023.



Coordinator (IQAC)

COORDINATOR

Internal Quality Assurance Cell
Gnanamani College of Technology
Pachal (Po), Namakkal - 637 018



Chairperson
Principal

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Dr.P.Premkumar, Chief Administrative Officer.	Management Representative	
Dr.K.Sakunthala, Assistant Professor, Department of Mechanical Engineering, Government College of Engineering, Salem.	Academic Expert	
Dr.K.Chandramohan, Vice Principal / Administration	Member from Administration	
Dr.B.Sanjay Gandhi, Academic Director	Members of Faculty	
Dr.R.Gandhi, Vice Principal / Academics		
Dr.R.Umamaheswari, Professor and Head / CSE.		
Dr.J.Chandramohan, Assistant Professor / EEE		
Dr.N.Balakrishnan, Professor and Head / Mechanical Engineering.		
Mr.K.Soundhirarajan, HoD/ Civil Engineering.		
Dr.C.Narayanan, Professor/English		
Mr.M.Stalin Jose, Office Faculty		Member from Office
Mr.Rayappan Charles, Deputy Manager (Design)- Structural Design - Fuselage Group, Hindustan Aeronautics Ltd. Bengaluru.	Industry Expert	
Dr.Sachin S Raj, Assistant Professor, Mechanical Engineering, Sanjivani College of Engineering, Kopergaon, Maharashtra	Alumni Member	
P.Manikandan, Mechanical/IV	Student Member	
C.Sankar, EEE/IV		
M.Dinesh Kumar, ECE/IV		
R.Shanmugaraja, Chemical/ IV		
B.Nandha Kishore, CSE/IV		
C.Bharath, IT/ II		
Mr.N.K.Chythenyen, Proprietor , Green Connect Resource Management Solutions, Paarai Vattam, Alagapuram, Salem.	Local Society Member	
Dr.R.C.Karpagalakshmi, Professor and Head/ Department of Artificial Intelligence and Data Science	IQAC Coordinator	



GNANAMANI COLLEGE OF TECHNOLOGY

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NH-7, A. K. SAMUTHIRAM, PACHAL (P.O), NAMAKKAL - 637 018

IQAC - ACTION TAKEN REPORT

Ref. NO. GCT/IQAC--ATR /2022-2023/02

Action Taken Report is prepared on the decisions of the IQAC meeting held on 15.10.2022. To implement the decisions of the above mentioned meeting of the IQAC, the following actions were taken:

Plan of Action	Action taken
The Chairperson of IQAC insisted all HoD's to closely monitor the classes, student's attendance, syllabus completion, ppt's, animated videos and other ICT tools to enhance the students learning capability.	The IQAC Committee verified about student's attendance, syllabus completion, ppt's, animated videos and other ICT tools etc., through frequent audits and follow-ups.
The committee discussed about first year inaugural ceremony for the academic year 2022-23 of organizing the Fresher's Day, Motivational Speaker and subsequent online classes as per the direction from University.	MBA & MCA First year class for the Academic Year 2022 - 2023 was inaugurated on 28.10.2022.
The Committee advised the first year Coordinator to prepare the schedule for Induction Programme for the first year students as per University guidelines.	Induction Programme for the first year B.E/B.Tech students was conducted from 27.10.2022 to 09.11.2022 as Bridge Course.
The IQAC Committee reviewed about the Lab experiments completion, Internal exam result analysis and the University semester exam. It is directed to complete the pending laboratory experiments and syllabus at the earliest so that students can be given coaching for the preparation of University exam.	<ul style="list-style-type: none">• The Committee verified the Internal Exam Result analysis, Web portal entry, Lab experiments completion and Intensive Coaching for the preparation of University semester exam through frequent follow-ups and audits.• Academic schedule had been revised due to naan mudhalvan courses. I.e. Practicals are planned to conduct after end semester examinations.

Center of Excellence / MoU	Department of Biomedical Engineering made MoU with Atheenapandian Private Limited, Courtallam, Tamilnadu on 19.10.2022 for students welfare.
Research and Development Activities	<ul style="list-style-type: none"> • Dr.J.Chandramohan ASP/EEE, have presented a paper entitled "Energy Consumption Reduction using Ant Colony optimization in Manet using machine learning techniques" in IEEE MysururCon 2022 on 16th & 17th October 2022. • Mr. Mame Bajo, AP/Food Technology, have registered his Ph.D program in Department of Chemical Engineering and Material Science in Amrita Vishwa Vidyapeetham.
Department Activities	<p>All the departments have organized Skill based technical and non-technical programs for the benefit of both students and faculty to get updated in the emerging technologies. Some of the activities are given below:</p> <ul style="list-style-type: none"> • Department of Biomedical Engineering organized a National Level Technical Symposium "Gnan Mederest 2K22" on 19.10.2022. • Department of Mathematics organized one day FDP on Role of LaTeX in Scientific Writing on 20.10.2022. • Department of MBA organized "Gnan Diwali Blast 2K22" to get hands on experience by selling readymade dresses, cosmetics, toys, food items and Mobile accessories sold in the stalls as a part of from 19.10.2022 & 20.10.2022. • Department of AI&DS, Biomedkāl, CSE, ECE & EEE conducted Certificate course program for the students' welfare. • Department of Biotechnology, Chemical Engineering, Food Technology and Pharmaceutical Technology organized a National Level Technical Symposium "Gnan Majestic Quest 2K22" on 18.11.2022. • Department of Artificial Intelligence and Data

	<p>Science organized in association with Institute Innovation Council and Entrepreneurship Development Cell "Project Expo 2K22" on 18.11.2022. Students from various departments participated in their interested areas and awards, rewards were given to best projects.</p>
Skill based training program	<ul style="list-style-type: none"> • 49 students from Agricultural engineering visited Tamil Nadu Agricultural University, Coimbatore for practical education on 28.10.2022. • 20 students from MBA had visited BBL Daido Pvt Ltd, Chennai for Industrial Visit on 19.11.2022 & 20.11.2022 • Yuvaraj R of IV/Food Technology has successfully completed internship in Sri Vigneswara Confectionery, Namakkal from 07.11.202 to 23.11.2022.
Funded Proposals	<ul style="list-style-type: none"> • All the departments have applied for funded proposals under different schemes of Governmental and non-governmental funding bodies to inculcate. • Department of Biotechnology had applied for Funding proposal in Ministry of Micro, Small & Medium Enterprises on "Go Green palatable organic edible cups with diet benefits".
Faculty Activities	<p>Faculty members from all the departments have attended for the FDPs, STTPs, Orientation Programs and other technical activities to enrich their skill sets on recent technologies. Some of the examples are mentioned below:</p> <ul style="list-style-type: none"> • Dr.Premkumar K of Chemical Engineering have attended five days online FDP on "Recent Trends in Chemical and Petrochemical Industries" in JCT College of Engineering and Technology from 21st November to 25th November 2022. • Dr.C.Chellamboli have attended five days online FDP on "Recent Advances in Chemical Engineering-2022" conducted in Rajalakshmi Engineering College from 8th to 12th November 2022. • Mr.Karthikeyan R of AP/MCA have participated in

	<p>two days international seminar on "Emerging Trends in Science and Technology" organized by Excel College for Commerce and Science on 02nd & 03rd November 2022.</p> <ul style="list-style-type: none"> • Mr. Premkumar S of Food Technology have completed training on the course Basic Manufacturing & COVID conducted by KARE on 21.11.2022.
<p>Training and Placement Cell Activities</p>	<p>Students are given a full-fledged training in the areas like Soft skill, Verbal, Aptitude, Technical skills and Value Added Training on emerging fields to get placed in top notch MNCs.</p>
<p>Students Activities</p>	<p>Students from all the departments participated in skill development training programs in other institutions to enrich their technical skills in the recent technologies. Some of the details are given below:</p> <ul style="list-style-type: none"> • Deepudharshini S II/EEE had secured first prize in paper presentation in the National Level Technical Symposium held at Ganesh College of Engineering, Salem on 19.10.2022. • Namatha J of CSE, Sneka J of Biotechnology, Sujitha S of Biomedical Engineering and Kaviarasan A of CSE were awarded as "Kavichemma" for presenting in puthukavidhai contest which was held on birth anniversary of Magakavi Bharathiyar. • Nivetha K of IV/Chemical Engineering had won I prize in Technical Quiz conducted by Paavai Engineering College on 20th & 21st October 2022. • Prakash Kumar Sahni of III/CSE had won 3rd prize in project presentation as project expo 2K22 in Gnanamani College of Technology, held on 18th November 2022. • To commemorate Dr. B. R. Ambedkar's anniversary and Balraj memorial trophy, a kabadi competition was conducted by the Kottai Thakrivan Kabadi club's 5th memorial committee at Athanoor Rasipuram(Tk)

	Namakkal (Dt). Gnanamani College of Technology Boys Kabadi Team won the 3rd prize and the memorial trophy.
The Committee suggested to conduct some awareness / orientation and training programme for promoting the student's innovative ideas through Entrepreneurship Development Cell.	<ul style="list-style-type: none"> • Conducted a Workshop on "Entrepreneurship and Innovation as Career Opportunity" on 30.11.2022 through Entrepreneurship Development Cell in association with Department of Biomedical Engineering. • Organized a One day seminar on "Entrepreneurship Development Programme" on 18.10.2022 for the students to become a successful Entrepreneur.
The IQAC Committee directed the library HoD to purchase prescribed text books for the new courses as per the University regulation, Magazines and e-Journals for the benefit of both students and staff members	Huge volumes of Text books, Reference books, Journals, Newsletters and e-journals were purchased for the Central Library to facilitate the students and staff for enhancing their skills in technical education, research and development activities.
Naan mudhalvan and Naalaiya Thiran Courses	III & IV year students completed Naan mudhalvan courses successfully under their desired domin with online assessments and projects.
YRC and NSS Activities	<ul style="list-style-type: none"> • Organized a NSS/YRS & UBA in association with IQAC, "Youth Awakening Day Rally" on 15.10.2022 in memory of Dr.A.P.J.Abdul Kalam's birth anniversary. • NSS/YRS & UBA in association with IQAC Organized an awareness program on "Road Safety" for students on 09.11.2022.
Professional Bodies	<p>Students from all departments enrol themselves with different professional bodies like ISTE, IEL, ITET, SAEINDIA etc., for the enrichment of their career.</p> <ul style="list-style-type: none"> • Department of Mechanical Engineering in association with ISTE organized a seminar on 21.10.2022 entitled "Carrier Opportunities in Government Sectors". • Department of Mechanical Engineering in association with ISTE organized a seminar on 17.10.2022 titled "Plastic Moukling & Press Tools".

The Committee discussed about the issues related to women and to make the college campus a safe place for women students and faculty members by organizing awareness programs for Female Students and Faculty through Women Empowerment Cell.	Women Empowerment Cell & Anti-Harassment Cell organized a programme on "A Journey just begun- Personality Development Programme" on 02.12.2022 where around 300 Female Students and Faculty members attended and got benefited.
IQAC Quality Initiative	IQAC conducted one week Faculty Development Programme on "Curriculum Design on Outcome Based Education" from 01.11.2022 to 05.11.2022.
Autonomous work	The IQAC Committee discussed about the detailed schedule of UGC Expert Committee Visit to be held on 22.12.2022 and 23.12.2022.
NAAC AQAR 2021-2022	The NAAC AQAR for the academic year 2021 -2022 is in progress and assured to be completed before December 2022.

Coordinator (IQAC)

COORDINATOR

Internal Quality Assurance Cell,
Gnanamani College of Technology,
Pachal (Po), Namakkal - 637 018

Chairperson
Principal

Gnanamani College of Technology
NH-7, A.K.Samuthiram, Pachal Post.
Namakkal Dist, - 637018, Tamilnadu



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02.01.2023

INTERNAL QUALITY ASSURANCE CELL (IQAC)

Circular

The Third Internal Quality Assurance Cell (IQAC) meeting for the academic year 2022-2023 will be convened on **21.01.2023** at 10:00 a.m in IQAC **Board Room**. All the IQAC Members are hereby informed to attend the meeting without fail.

Agenda for the meeting is as below:

1. Review of previous minutes of meeting
2. Autonomous status-Appreciation
3. Academic Calendar
4. Academic Audit
5. Women Empowerment Cell Activities
6. Higher Education Cell Orientation Programs
7. NSS and YRC Cell Activities
8. EDC Activities
9. Alumni talk series
10. Placement and Training Cell
11. Center of Excellence / MoU
12. Faculty Activities & Achievements
13. Industrial training / Internships
14. Professional bodies membership
15. Student Activities & Achievements
16. Departmental Activities
17. Research project proposals
18. Any other matters.

Coordinator (IQAC)
COORDINATOR

Chairperson

Copy to:
Internal Quality Assurance Cell
Gnanamani College of Technology
Pachal (Po), Namakkal - 637 018

1. The Chairman and (E) Chairperson - GEI for kind information
2. CAO - GEI
3. Governing Council
4. Academic Director
5. Vice Principal - Administration & Vice Principal - Academic
6. Professors / HODs - to be circulated to all faculty members
7. All IQAC Committee members
8. File

Principal
Gnanamani College of Technology
NH-7, A.K.Samuthiram, Pachal Post.
Namakkal Dist. - 637018, Tamilnadu

List of IQAC Committee members are as follows:

Details of Members	Representation
Dr. T.K.Kannan, Principal.	Chairperson
Dr.P.Premkumar, Chief Administrative Officer.	Management Representative
Dr.K.Sakunthala, Assistant Professor, Department of Mechanical Engineering, Government College of Engineering, Salem.	Academic Expert
Dr.K.Chandramohan, Vice Principal / Administration	Member from Administration
Dr.B.Sanjay Gandhi, Academic Director	Members of Faculty
Dr.R.Gandhi, Vice Principal / Academics	
Dr.R.Umamaheswari, Professor and Head / CSE.	
Dr.J.Chandramohan, Associate Professor and Head / EEE	
Dr.N.Balakrishnan, Professor and Head / Mechanical Engineering.	
Mr.K.Soundhirarajan, HoD / Civil Engineering.	
Dr.C.Narayanan, Professor/English	
Mr.M.Stalin Jose, Office Faculty	Member from Office
Mr.Rayappan Charles, Deputy Manager (Design)– Structural Design - Fuselage Group, Hindustan Aeronautics Ltd. Bengaluru	Industry Expert
Dr.Sachin S Raj, Assistant Professor, Mechanical Engineering, Sanjivani College of Engineering, Kopargaon, Maharashtra	Alumni Member
P.Manikandan, Mechanical/IV	Student Member
C.Sankar, EEE/IV	
M.Dinesh Kumar, ECE/IV	
R.Shanmugaraja, Chemical/ IV	
B.Nandha Kishore, CSE/IV	
C.Bharath, IT/ II	Local Society Member
Mr.N.K.Chythenyen, Proprietor , Green Connect Resource Management Solutions,Paarai Vattam, Alagapuram,Salem.	
Dr.R.C.Karpagalakshmi, Professor and Head/ Department of Artificial Intelligence and Data Science	IQAC Coordinator



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MINUTES OF THE INTERNAL QUALITY ASSURANCE CELL (IQAC) MEETING

Ref. NO. GCT/IQAC--MoM /2022-2023/03


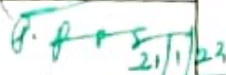
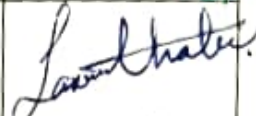




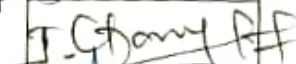







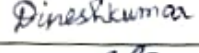

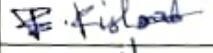
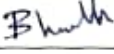

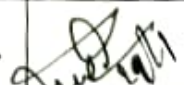
The **Third IQAC meeting** for the academic year **2022-2023** was conducted on **21.01.2023** at 10 am - 1.00 pm in **IQAC Board Room**, Gnanamani College of Technology.

Dr.T.K.Kannan, **Chairperson**, welcomed the members of IQAC meeting and set the context for discussion followed by review presentation delivered by Dr.R.C.Karpagakshmi, **Coordinator of IQAC**.

Agenda for discussion

1. Review of previous minutes of meeting
2. Autonomous status-Appreciation
3. Academic Calendar
4. Academic Audit
5. Women Empowerment Cell Activities
6. Higher Education Cell Orientation Programs
7. NSS and YRC Cell Activities
8. EDC Activities
9. Alumni talk series
10. Placement and Training Cell
11. Center of Excellence / MoU
12. Faculty Activities & Achievements
13. Industrial training / Internships
14. Professional bodies membership
15. Student Activities & Achievements
16. Departmental Activities
17. Research project proposals
18. Any other matters.

The following IQAC members had attended the meeting.

Details of Members	Representation	Signature
Dr. T.K.Kannan, Principal.	Chairperson	
Dr.P.Premkumar, Chief Administrative Officer.	Management Representative	 21/1/23
Dr.K.Sakunthala, Assistant Professor, Department of Mechanical Engineering, Government College of Engineering, Salem.	Academic Expert	
Dr.K.Chandramohan, Vice Principal / Administration	Member from Administration	
Dr.B.Sanjay Gandhi, Academic Director	Members of Faculty	
Dr.R.Gandhi, Vice Principal / Academics		
Dr.R.Umamaheswari, Professor and Head / CSE.		
Dr.J.Chandramohan, Associate Professor and Head / EEE		
Dr.N.Balakrishnan, Professor and Head / Mechanical Engineering.		
Mr.K.Soundhirarajan, HoD/ Civil Engineering.		
Dr.C.Narayanan, Professor/English		
Mr.M.Stalin Jose, Office Faculty		Member from Office
Mr.Rayappan Charles, Deputy Manager (Design)- Structural Design - Fuselage Group, Hindustan Aeronautics Ltd. Bengaluru.	Industry Expert	
Dr.Sachin S Raj, Assistant Professor, Mechanical Engineering, Sanjivani College of Engineering, Kopergaon, Maharashtra	Alumni Member	
P.Manikandan, Mechanical/IV	Student Members	
C.Sankar, EEE/IV		
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C.Bharath, IT/ II		
Mr.N.K.Chythenyen, Proprietor , Green Connect Resource Management Solutions, Paarai Vattam, Alagapuram, Salem.	Local Society Member	
Dr.R.C.Karpagalakshmi, Professor and Head/ Department of Artificial Intelligence and Data Science	IQAC Coordinator	

The following points were discussed

Review of previous minutes of IQAC Meeting held on **04.10.2022** at 10:00 a.m and the action taken report were presented before the committee members for the decisions of the previous meeting. The minutes of meeting were readout with a formal discussion with all IQAC members. The minutes of meeting were approved by the IQAC members.

- The Management representative cherished all the teaching, non-teaching faculties and office staff members for their continuous efforts in the process of Autonomous work. The Chairman of IQAC Committee appreciated all the supporting staff for care taking UGC Expert Committee on 22.12.2022 and 23.12.2022.
- The IQAC coordinator asked the Academic Council to prepare and submit the Academic Calendar for 2022-2023 even semester.
- The committee discussed about the issues related to women and to make the college campus a safe place for women students and faculty members. It was decided to conduct guest lectures, seminars, awareness programme and other welfare activities aiming at intellectual and social upliftment of the female students through Women Empowerment Cell.
- The committee encouraged HEC (Higher Education Cell) of our college to conduct Awareness and Training related programme for the final and pre-final year students to enrich their knowledge and opportunities in government sectors.
- The committee suggested to conduct Academic audit for Regulation 2021 syllabus to find the deviations in the academic activities planned such as scheduling of Internal Assessment Test series, quality of Assignments, completion of syllabus etc.,
- The coordinator of IQAC asked the HoDs to motivate their respective students to be a part of professional bodies for the benefits of students in all academic aspects.
- The IQAC coordinator insisted NSS and YRC cell to organize various social responsibility activities for local people in and around the campus. The Chairman of IQAC insisted NSS and YRC coordinators to take students support in extension activities which leads them to service for poor and needy people.
- The Chairman of IQAC motivated the EDC coordinator to conduct more orientation and awareness programs about challenges in entrepreneurship and career opportunities in start-ups for the students to pave their own future.
- The Committee insisted Placement and Training Cell to strengthen the quality of placements and to bring more numbers of reputed companies for On-campus placement drives. The committee insisted to conduct more number of training class to mold-up students for interview process.

- The Chairman of IQAC encouraged our alumna to organize alumni talk series for the welfare of the students. In this series, the alumna address about upcoming trends in the modern industries, awareness program in placement opportunities.
- The chairman of IQAC encouraged the head of all departments to organize Webinars, Workshops, Symposium and Guest Lectures with industry person on advanced topics to infuse the skills required to be industry ready.
- The committee suggested all the HoD's to collaborate quality initiatives with other higher education institutions and industries through MOU or to set up Center of Excellence to augment knowledge and industry practices in 'the areas of expertise'.
- The committee encouraged all the faculty members to attend conference, workshop, webinar and publish research papers at reputed journals to enhance their research skills.
- Heads of various departments are requested to encourage their respective students to attend Webinars, Workshops, Conferences and Symposium at other colleges and also to take part in field projects, mini projects.
- The IQAC Committee advised to purchase prescribed text books for the new courses as per the new regulation, Magazines and e-Journals and to complete the renewal process of all the subscriptions and membership for the benefit of both students and staff members.
- The chairman of IQAC directed the faculty members to rejuvenate the research potential by applying for major and minor research projects, funded proposals on innovative ideas and research grants under various schemes from government and other funding agencies.

IQAC Coordinator proposed the date for the next meeting and decided unanimously the tentative schedule during the month of April 2023.


Coordinator (IQAC)
COORDINATOR

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Internal Quality Assurance Cell
Gnanamani College of Technology
Pachal (P.O), Namakkal - 637 018


Chairperson
Principal

Gnanamani College of Technology
NH 47, A.K.Samuthiram, Pachal Post.
Namakkal Dist. - 637018, Tamilnadu

3. Governing Council
4. Academic Director
5. Vice Principal – Administration & Vice Principal – Academic
6. Professors / HODs – to be circulated to all faculty members
7. All IQAC Committee members
8. File



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IQAC - ACTION TAKEN REPORT

Ref. NO. GCT/IQAC--ATR /2022-2023/03

Action Taken Report is prepared on the decisions of the IQAC meeting held on 21.01.2023. To implement the decisions of the above mentioned meeting of the IQAC, the following actions were taken:

Plan of Action	Action taken
Autonomous Status	Gnanamani College of Technology is now officially an autonomous college paving the way to shape our academic independence! With great power comes great responsibility!
Academic Audit for 2021 regulation.	Academic Audit for 2021 regulation was completed with external auditor from other colleges to ensure quality in teaching learning process. The auditor inspects the quality of course files, test papers, log books and other academic activities were accomplished in time consistency.
Higher Education Cell Activities	The Higher Education Cell conducted Awareness and Training Programs for pre-final and final year students to enrich the skills. • HEC conducted an awareness program "High education in foreign universities" on 22.03.2023. Nearly 100 final year students from various departments were participated and benefited.
Academic Calendar for Even Semester (2022-2023).	Academic Council Coordinator prepared Academic Calendar for 2022-2023 Even Semester in-line to the University.

<p>The Committee discussed the issues related to women to make the college campus is a safe place for both girls students and faculty members.</p>	<p>The Women Empowerment Cell conducted guest lectures, seminar, awareness programme and other welfare activities for women safety and empower.</p> <ul style="list-style-type: none"> • Women's Empowerment cell conducted a Health care programme on "Palliative care in women's oncology" on 24.03.2023. Dr.Mariya Sophia.J MBBS, MD, (Radiation Oncology), Consultant Radiation Oncologist, Dharan Hospitals, Salem took appearance as special guest and feed knowledge to girls students and female faculty members. • Anti-harassment Cell in association with Biomedical Engineering organized "Women and Cyber Crimes-An Awareness programme" on 19.04.2023. Thiru.C.Kalaiselvan, IPS, Superintendent of Police, Tamilnadu Police, Namakkal graced the occasion.
<p>Value added Programme/ Online Courses</p>	<ul style="list-style-type: none"> • Students from Department of BME gained knowledge through Value added Programme "Bio - Web Based development using C & JAVA Programming" from 02.01.2023 to 23.01.2023. • CSE students attended Value Added Course on "Easy way to Learn Excel Concepts" from 20.03.23 to 31.03.23. Nearly 120 students beneficiary.
<p>NSS and YRC Activities</p>	<p>NSS and YRC Cell organized various social responsibility activities for local people in and around the campus. From the Committee's inspiration many students volunteered and serviced to local needy people in and around the campus.</p> <ul style="list-style-type: none"> • NSS in association with IQAC organized an Awareness programme, on "Carrier Opportunities in Indian Armed Forces" on 07.02.2023. • 6 Students from Biomedical Engineering donated blood on 14.02.2023 to Tamilnadu State AIDS

	<p>control society & TN State Blood Transfusion Council.</p> <ul style="list-style-type: none"> • The NSS unit of our college in association with Tamilnadu State Rural Livelihood Mission organized "College Market 2023" exhibition cum sale on 15th & 16th March 2023 at our college premises. • NSS and YRC in association with District Health Society – NTEP, Namakkal organized an event "Mini Marathon against Tuberculosis" on 24.03.2023. Nearly 50 students took participated. • Sevvell V student of CSE involved in Blood Donation camp and donated his blood to the needy.
<p>The Committee advised all the departments to conduct Skill based technical programs in the recent technologies for the students to enhance their Skill sets.</p>	<p>All the departments conducted Skill based technical programs in the recent technologies for the students to enhance their Skill sets.</p> <ul style="list-style-type: none"> • Yogeshwaran.G student of Agricultural Engineering went to In-plant training to Valarpirai Agencies (Agriculture & Daily Equipments) during 01.02.2023 to 10.02.2023. • A.T.Naveena and R.T.Dona periyannayagi (III year Food Technology) underwent implant training in Aavin Industry, Salem from 15.02.2023 to 24.02.2023. • 40 Students from EEE undergone Industrial Visit to Kerala Electrical and Allied Engineering, Kochi and Traco Cables Company Limited, Kochi on 31.03.2023 & 01.04.2023. • Department of Biomedical Engineering students went to Industrial Visit at Kaynes Technology India ltd, Mysuru on 21.04.2023.
<p>IPR cell and its activities</p>	<ul style="list-style-type: none"> • IPR cell in association with Department of AI&DS conducted a workshop in association

	with NoobTron FC Pvt. Ltd., Chennai on "The art of doing Research-13.02.2023".
<p>Training and Placement Cell Activities.</p>	<p>The Training and Placement Cell gave a full-fledged training in the areas like Soft skill, Verbal, Aptitude, Technical skills and Value Added Training on emerging fields to increase the number of placements in top notch MNCs.</p> <ul style="list-style-type: none"> • Training and Placement Cell in association with Food Technology organized two day Government certified training program "Basic Manufacturing and Basic Catering" on 31.03.2023 and 01.04.2023. • In addition to that special training programs are conducted to enrich students' knowledge in interview aspects.
<p>The committee suggested all the HoDs to link MoU with the companies or to set up Center of Excellence to enhance knowledge and industry practices in the area of expertise.</p>	<p>The core departments have signed MoU with reputed companies to enhance skills and knowledge of the students.</p> <ul style="list-style-type: none"> • Department of Food Technology signed MoU with "Sree Amoha Food Gallery Pvt Ltd, Namakkal." on 27.02.2023 for internship, stipend projects and placements. • Gnanamani College Technology Namakkal inked an MoU with NoobTron FC Pvt. Ltd, Chennai. The MoU with NoobTron Pvt. Ltd will provide Research and Development, Design and Development platform on Prototyping, Industrial and Institutional Research activities, patent filings, Copyrights filling, Internship and Fellowship programs, and other allied areas.
<p>The Chairman of IQAC motivated the EDC cell to conduct more training programs for the benefits of students.</p>	<p>Entrepreneurship Development Cell organized many training programs for the benefits of students to gain more knowledge about their field.</p> <ul style="list-style-type: none"> • EDC cell conducted a Business Plan Presentation on "Pathway to become an

	<p>Innovative Entrepreneur" on 24.03.2023 and 75 students beneficiary.</p>
<p>Faculty Activities</p>	<p>Faculty members from various departments have attended workshop, webinar. Some of the notable works are listed below,</p> <ul style="list-style-type: none"> • Ms. JA.Sandhiya, department of BME, attended an Online FDP – Professional Readiness for innovation, Employability and Entrepreneurship Program on 13.02.2023 to 17.02.2023 sponsored by TNSDC & IBM. • Mr. K.Prakash Singh, HOD/PT, attended a program on "NAAC Accreditation framework and Documentation" on 01.03.2023 at Shri Rajiv Gandhi Government College Banda,MP. • Dr. Muralidharan M from AP/BT, attended Hands-on Training Program on DNA Sequencing on 02.03.2023 & 03.03.2023 organized by Central Instrumentation Centre, Bharathiar University, Coimbatore and sponsored by DST. • Mrs.P.Sathyasutha, AP/CSE, attended an FDP on Current Trends and Methodologies in AI & ML from 13th to 17th March 2023 at Vellore Institute of Technology. • Mr.G Sivakumar, AP/CSE, attended a webinar on Insight Into Research Publication on 18.04.2023 conducted by Universiti Tun Hussein Onn Malaysia with Academic Institutions and Industries from India.
<p>Interaction with Outside World</p>	<ul style="list-style-type: none"> • Dr.R.Nagarajan Prof/EEE, acted as a Speaker - Session Chair in International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics (ICITCEE 2023) organized by BNM Institute of Technology, Bengaluru on 27 & 28 Jan 2023. • Mr.R.Sri Sabarinathan, AP/Mechanical acted as

	<p>a guest Lecturer on E-Vehicle at Muthayammal Polytechnic Institutions on 25.02.2023.</p> <ul style="list-style-type: none"> • Dr.T.Geetha,HOD/MCA Chief Guest of Youth for Cleanliness at Namakkal Kavignar Ramalingam Government Arts Colege for Women.
<p>Research and Development activities</p>	<ul style="list-style-type: none"> • Mrs. Suganya.M, AP/ECE registered Ph.D in Anna University under Dr.R.Nagarajan, Pro/EEE. • Mr.R.Praveen Kumar, AP/EEE and Mrs.P.Pushparani, AP/EEE registered Ph.D in Anna University under Dr.M.Makarvizhi, Pro/EEE. • Mrs. Pradeepa R, AP/IT had registered Ph.D in Anna University.
<p>The chairman of IQAC encouraged all the faculty members to attend Conferences and to apply for Journal publications and patent work on innovative topics.</p>	<ul style="list-style-type: none"> • Dr.D.Kamalakkannan Pro/BME, published a paper on "A Detection of Intrusion based on Deep learning", in International Journal, Taylor & Francis Group, ISSN: 1087-6553, February/2023. • Dr.R.Nagarajan Pro/EEE, published a paper in "Microstrip patch antenna review on various parameters, methods and its applications" in IAES Publisher (Scopus). • Dr.R.Nagarajan Pro/EEE, published a book on "Big Data, Cloud Computing and IoT Tools and Applications - Recent Trends in Machine Learning Techniques, Challenges and Opportunities" in CRC Press-Taylor & Francis Group Publishers. ISBN: 9781032284200. • Dr.K.Muthamizhi ASP/PT and Mr.K.Prakash Singh HOD/PT, published a book on "Sustainability in chemical proceses through digitalization and green chemistry approaches" by Nova Science Publishers. • Dr.S.Krishnakumar, AP/Mech, published a

	<p>paper in "Research Article Performance of Polymer Composite Constituted Cabinet Dryer Integrated within a Solar Flat Plate Collector" https://doi.org/10.1155/2023/2708776</p> <ul style="list-style-type: none"> • Mr.A.Jeeva, AP/AI&DS, Presented a paper entitled "Response Time Analysis of Hierarchical Scheduling: The Synchronized Deferable Servers" in International Conference on Recent Trends in Computer Communication and Business Management. • Dr.D.Kamalakkannan Prof/BME, published a book on "Wireless communication and mobile computing" with ISBN No: 978-93-95331-86-9
<p>The committee asked the HoDs to encourage their students to attend conference, workshop, and symposium in various colleges and also take part in projects.</p>	<p>All the department students have attended skill development programs such as conference, workshop, and symposium in various colleges and also take part in projects to enhance the skills. Some of the progresses are listed.</p> <ul style="list-style-type: none"> • S Pradeep III year Chemical Engineering student attended a workshop on "Chemical Process Stimulation Software Aspen HYSYS" on 05 & 06.04.2023 held at University College Of Engineering, Anna University, Tiruchirappalli. • M.Abinisha from ECE department presented a paper in National Conference on Emerging Trends in Engineering and Technology - "Industrial Air Pollution Monitoring System Based on Wireless Sensor Networks" on 19.04.2023.
<p>Other Worth mentioning activities</p>	<ul style="list-style-type: none"> • Two days "College Pongal Sports Competition" was conducted as a part of the Pongal celebrations was organized by the Department of Science and Humanities. • 12th Graduation Day was celebrated on 04th and 05th March 2023. Thiru.A.Natarajan, IFS (Retd) Former Director, Passport and Visa, Ministry of

	<p>External Affairs, New Delhi was the chief guest. Delivered the graduation address.</p> <ul style="list-style-type: none"> • 12th Annual and Sports Day was celebrated on 06th March 2023. Dr.T.Aranganna, Chairman Gnyanamani Educational Institutions, presided over the function and delivered the special address on the occasion. The prizes were distributed to the winners of students and staff for the both academic and sports achievements.
<p>The Committee insisted the Alumni Association of the Institution to conduct Alumni Meet and Alumni Talk series</p>	<p>Alumni activities were conducted through Alumni Talk series to their junior friends on various emerging topics to enhance their skills and to create awareness on employment opportunities and alumni meetings were conducted twice this year on 05.03.2023 and 08.04.2023. Totally 764 alumna were participated.</p> <ul style="list-style-type: none"> • Department of CSE conducted webinar on Data Analytics on 19.02.2023 as alumni talk series. • Department of Mechanical Engineering organized an Alumni Talk program on "Recent Trends in Placement Opportunities" on 28.02.2023. • Department of AI&DS conducted webinar on "Introduction on DNS and DHCP- 17.02.2023" and "Awareness Program on Sap and its Job Opportunities -24.03.2023". • Biomedical department organized "How to become a Medical Coder-17.04.2023" as alumni talk series.
<p>Department Activities</p>	<p>All the departments have organized Skill development programs such as Webinars, Guest lectures, Workshops, Project Presentation, Value added courses, and Non-technical events for overall development of students.</p> <ul style="list-style-type: none"> • Department of BME in association with IIC conducted Demo day "YUKTI NIR" on 28.01.2023.

	<ul style="list-style-type: none"> • Mechanical Engineering in association with IIC and ISTE organized a workshop on "Design Thinking, critical Thinking and Innovation Design" on 11.02.2023. • Department of Mechanical Engineering in association with IIC & ISTE organized a workshop on "Design Thinking, Critical Thinking and Innovation Design" on 11.02.2023. • Department of EEE organized a workshop on "Embedded System Development" on 25.02.2023. 64 Students got benefited. • Department of S&H conducted a competition on "Essay Writing & Hand Writing" on 25.02.2023. Nearly 150 students took participation. • The Department of AI&DS & MBA in association with IIC has organised a Guest Lecture on "Entrepreneurship for Social Change" on 24.03.2023. • Department of Food Technology organized a Training program on Basic Manufacturing and Basic Catering on 31.03.2023 & 01.04.2023. • Department of MCA organized a one day workshop on "iOS mobile application development using cocoa framework to objective- C+Shift" on 20.04.2023. • Department of Science & Humanities celebrated "World Creativity and Innovation Day" on 21.04.2023. • AI&DS in association with IQAC organized a orientation programme on "Outcome Based Education- 27.04.2023"
<p>The Chairman of IQAC directed the faculty members to rejuvenate the research potential by apply for major and minor research projects, funded proposals on innovative ideas and research grants under various schemes form</p>	<p>Faculty members from various departments have applied for major and mini research projects. Sent funded proposals on innovative ideas in various schemes to government and other funding agencies.</p> <ul style="list-style-type: none"> • Dr.D.Kamalakkannan, Prof/BME, applied for

<p>government and other funding agencies.</p>	<p>Technology Development on "Smart Navigation System for Blind Person" in Tamilnadu State Chief minister funding agency.</p> <ul style="list-style-type: none"> • Consultancy Activity named "Software Automation" by Dr.R.Umamaheswari, Prof& Head/CSE to Common Service Center Academy, Rasipuram, Namakkal for Online Digital Literacy Efficiency Test it is worth of Rs. 18,300.
<p>Students achievements</p>	<ul style="list-style-type: none"> • Abishek R from department of Information Technology got First Prize in Blind Code. • S.Lathika Sree from ECE department won First prize in paper presentation- IOT held at Sona College of Technology, Salem on 24.02.2023 & 25.02.2023. • P.Vasanth from ECE department won Second prize in project presentation "Wireless Power Transfer-Electric Vehicle" held at Muthayammal College of Engineering, Namakkal on 15.03.2023. • Roja.S student of Agricultural Engineering secured second prize in paper presentation "Multiple Agricultural Machinery" at Muthayammal Engineering College on 15.04.2023. • Arul Asha.A and B.S.Nandhini from third year of AI&DS secured Third prize in Pseudocode held at M.Kumarasamy College of Engineering, Karur on 03.03.2023. • Ramachandra Prakash, II year AI&DS, won second prize in project presentation "Android Introduction" at Muthayammal College of Engineering on 15.02.2023. • Gowri Amirtha T and Bharathi R II year Biomedical students secured 3rd place in 4X400 meter relay conducted by "Anna University

Sports Board – Zonal Tournament 2022 – 2023 & Selvam College of Technology”

- Bharathi R II year Biomedical students secured 2nd place in Anna University Sports Board – Zonal Tournament 2022 – 2023 & Muthayammal Engineering College.
- Sneha J III Biotechnology student won 2nd prize in paper presentation “A Descriptive review of carbon credit” at Vivekananda college of engineering for women on 09.03.2023.
- Kowsick Kumar T student of CSE won I prize in Code Debugging Narasu’s Sarathy Institute of Technology on 20.03.2023.
- K.Mahalakshmi and M.Malathi III year Food Technology students won Third prize in Product Development in Excel Engineering College, Namakkal on 21.02.2023.
- G.Gunaseelan and P.Gowrishankar department of Mechanical Engineering won First prize in paper presentation in “Design & Development of non contact portable Infrared BP reader” organized by Excel Engineering college, Namakkal on 31.03.2023.
- S.Seetharaman of Pharmaceutical Technology honored for “Site on site, Visual Connect, Photography” in Excel Engineering college, Namakkal in 31.03.2023.
- Abinaya R and Karthika M II year IT students won First prize in paper presentation “Cloud computing” at Selvam College of Technology on 31.03.2023.
- S.Anbumani (IV/FT) won Third prize in paper presentation “Development of Biodegradable packaging material derived from Tapioca peel waste and Arthrospira Platensis” held at Kongu

	<p>engineering College, perundurai on 18.03.2023.</p> <ul style="list-style-type: none"> • Madhunisha M III EEE won First prize in paper presentation "SMART BMS FOR E-VEHICLE APP" held at Narasu's Sarathy Institute of Technology, Salem on 20.03.2023.
Professional Body Membership	<ul style="list-style-type: none"> • Students from AI&DS, CSE, EEE and Mechanical newly enrolled as a member in Institution of Engineers India (IEI) and Indian Society of Technical Education (ISTE). • Biomedical Engineering students got membership in Biomedical Engineering Society of India (BMESI) • 22 Students from department of Chemical Engineering enrolled them as member in Indian Institute of Chemical Engineers (IChE).
The IQAC Committee advised to purchase prescribed text books for the course as per the new regulation, Magazines and e-journals and to complete the renewal process of all the subscriptions and membership for the benefit of both students and faculty members.	As per the new regulation prescribed text books Magazines and e-journals have been purchased and completed the renewal process of all the subscriptions and membership for the benefit of both students and faculty members.


Coordinator (IQAC)

COORDINATOR

Internal Quality Assurance Cell
Gnanamani College of Technology
Pachal (Po), Namakkal - 637 018


Chairperson

Principal

Gnanamani College of Technology
NH-7, A.K.Samuthiram, Pachal Post.
Namakkal Dist. - 637018, Tamilnadu

21.04.2023


INTERNAL QUALITY ASSURANCE CELL (IQAC)

Circular

The Fourth Internal Quality Assurance Cell (IQAC) meeting for the academic year 2022-2023 will be convened on **29.04.2023** at 10:00 a.m in IQAC **Board Room**. All the IQAC Members are hereby informed to attend the meeting without fail.

Agenda for the meeting is as below:

1. Review of the previous minutes of meeting
2. Administrative and Academic Audit
3. Approval new course and increasing intake
4. Industrial training / Internships
5. Installation of new equipments
6. Professional body activities
7. IQAC Quality initiatives.
8. Cell Activities
9. Research and Development activities
10. COE/MOU
11. Admission Process 2023-24
12. Student Activities / Achievements
13. Skill based technical programs
14. Department activities.
15. Library Resource Utilization
16. Faculty Activities and Achievement
17. Any other matters.



Coordinator (IQAC)

COORDINATOR



Chairperson

Principal

Gnanamani College of Technology
NH-7, A.K.Samuthiram, Pachal Post.
Namakkal Dist. - 637018, Tamilnadu

Internal Quality Assurance Cell

Gnanamani College of Technology, IQAC Chairperson - GEI for kind information

Pachal(PO), Namakkal - 637 018

3. Governing Council

4. Academic Director

5. Vice Principal – Administration & Vice Principal – Academic

6. HODs / Professors– to be circulated to all faculty members

7. All IQAC Committee members

8. File

List of IQAC Committee members are as follows:

Details of Members	Representation
Dr. T.K.Kannan, Principal.	Chairperson
Dr.P.Premkumar, Chief Administrative Officer.	Management Representative
Dr.K.Sakunthala, Assistant Professor, Department of Mechanical Engineering, Government College of Engineering, Salem.	Academic Expert
Dr.K.Chandramohan, Vice Principal / Administration	Member from Administration
Dr.B.Sanjay Gandhi, Academic Director	Members of Faculty
Dr.R.Gandhi, Vice Principal / Academics	
Dr.R.Umamaheswari, Professor and Head / CSE.	
Dr.J.Chandramohan, Associate Professor and Head / EEE	
Dr.N.Balakrishnan, Professor and Head / Mechanical Engineering.	
Mr.K.Soundhirarajan, HoD / Civil Engineering.	
Dr.C.Narayanan, Professor/English	
Mr.M.Stalin Jose, Office Faculty	Member from Office
Mr.Rayappan Charles, Deputy Manager (Design)– Structural Design - Fuselage Group, Hindustan Aeronautics Ltd. Bengaluru	Industry Expert
Dr.Sachin S Raj, Assistant Professor, Mechanical Engineering, Sanjivani College of Engineering, Kopergaon, Maharashtra	Alumni Member
P.Manikandan, Mechanical/IV	Student Member
C.Sankar, EEE/IV	
M.Dinesh Kumar, ECE/IV	
R.Shanmugaraja, Chemical/ IV	
B.Nandha K ishore, CSE/IV	
C.Bharath, IT/ II	Local Society Member
Mr.N.K.Chythenyen, Proprietor , Green Connect Resource Management Solutions,Paarai Vattam, Alagapuram,Salem.	
Dr.R.C.Karpagalakshmi, Professor and Head/ Department of Artificial Intelligence and Data Science	IQAC Coordinator



GNANAMANI COLLEGE OF TECHNOLOGY

(Affiliated to Anna University- Chennai, Approved by AICTE- New Delhi, Accredited by NAAC with "A" grade and NBA)

N.H-7, A.K.Samuthiram, Pachal(PO), Namakkal-637018

MINUTES OF THE INTERNAL QUALITY ASSURANCE CELL (IQAC) MEETING

Ref. NO. GCT/IQAC--MoM /2022-2023/04

The **Fourth IQAC meeting** for the academic year **2022-2023** was conducted on **29.04.2023** at 10.00 am in **IQAC Board Room**, Gnanamani College of Technology.

Dr. T.K.Kannan, **Chairperson**, welcomed the members of IQAC and set the context for discussion followed by review presentation made by Dr.R.C.Karpagalakshmi, **Coordinator of IQAC**.

Agenda for discussion

1. Review of the previous minutes of meeting
2. Administrative and Academic Audit
3. Approval new course and increasing intake
4. Industrial training / Internships
5. Installation of new equipments
6. Professional body activities
7. IQAC Quality initiatives.
8. Cell Activities
9. Research and Development activities
10. COE/MOU
11. Admission Process 2023-24
12. Student Activities / Achievements
13. Skill based technical programs
14. Department activities.
15. Library Resource Utilization
16. Faculty Activities and Achievement
17. Any other matters.

The following IQAC members had attended the meeting.

Details of Members	Representation	Signature
Dr. T.K.Kannan, Principal,	Chairperson	
Dr.P.Premkumar, Chief Administrative Officer.	Management Representative	29/4/23
Dr.K.Sakunthala, Assistant Professor, Department of Mechanical Engineering, Government College of Engineering, Salem.	Academic Expert	
Dr.K.Chandramohan, Vice Principal / Administration	Member from Administration	
Dr.B.Sanjay Gandhi, Academic Director	Members of Faculty	
Dr.R.Gandhi, Vice Principal / Academics		
Dr.R.Umamaheswari, Professor and Head / CSE.		
Dr.J.Chandramohan, Associate Professor and Head / EEE		
Dr.N.Balakrishnan, Professor and Head / Mechanical Engineering.		
Mr.K.Soundhirarajan, HoD/ Civil Engineering.		
Dr.C.Narayanan, Professor/English		
Mr.M.Stalin Jose, Office Faculty	Member from Office	
Mr.Rayappan Charles, Deputy Manager (Design)- Structural Design - Fuselage Group, Hindustan Aeronautics Ltd. Bengaluru.	Industry Expert	
Dr.Sachin S Raj, Assistant Professor, Mechanical Engineering, Sanjivani College of Engineering, Kopergaon, Maharashtra	Alumni Member	
P.Manikandan, Mechanical/IV	Student Members	
C.Sankar, EEE/IV		
M.Dinesh Kumar, ECE/IV		
R.Shanmugaraja, Chemical/ IV		
B.Nandha Kishore, CSE/IV		
C.Bharath, IT/ II		
Mr.N.K.Chythenyen, Proprietor , Green Connect Resource Management Solutions, Paarai Vattam, Alagapuram, Salem.	Local Society Member	
Dr.R.C.Karpagalakshmi, Professor and Head/ Department of Artificial Intelligence and Data Science	IQAC Coordinator	29/4

The following points were discussed

Review of the previous IQAC Meeting held on 21.01.2023 at 10:00 a.m and the action taken report on the decisions of the previous meeting were presented with a formal discussion with all IQAC members. The minutes of meeting were approved by the IQAC members.

- The detailed report for the Academic and Administrative Audit was presented in front of the IQAC committee and made discussions to improve the lagging area concerned.
- The Committee decided to submit the IQAC Annual plan for the academic year 2023-2024 for the approval from Governing Council.
- The Committee suggested the NSS and YRC cell to conduct Social Responsibility and Awareness programs for the benefit of rural and under privileged peoples.
- The Chairperson of the Committee instructed the Entrepreneurship Development Cell to organize sequence of awareness and skill industrial development training programs to create and foster entrepreneurial culture inside the Institution among the budding student entrepreneurs.
- The Committee discussed about the Admission process for the academic year 2022-2023 and the merit scholarship and other fee concession for the welfare of the students.
- The IQAC Committee reviewed the IV year Students end semester project progress, report preparation, Conference and Journal publication details and asked to conduct the review as per the schedule.
- The Committee discussed about the quality initiative programmes to be associated with various Cells and Committee.
- The Chairperson of the committee instructed the Library HoD to complete the renewal process of all the subscriptions and conduct programs.
- The Committee instructed the HoD's to set up higher semester labs for certain departments as per university regulation by purchasing the required equipments and components. In this regard laboratory wise quotation needs to be submitted for getting approval from the Management.
- Heads of various departments are requested to encourage the students to attend Webinars, Workshops, Conferences and Symposium at other technical institutions and also to take part in field projects, mini projects and internships to inculcate experimental and participative learning.
- The Committee advised all the departments to conduct Skill based technical programs in the recent technologies for the students to enhance their Skill sets.
- The chairperson of IQAC encouraged all the faculty members to attend Conferences and to apply for Journal publications and patent work on innovative topics to strengthen the R&D activities.

- For the upcoming academic year, The IQAC panel discussed about the new course approval status from AICTE, increase in intake of certain courses, classroom availability, Faculty requirement and laboratory set up etc.,
- The Committee appreciated the efforts taken by the Training and Placement Cell towards strengthening the overall placed students in the Academic Year 2022-2023 by bringing reputed companies for on-campus and off-campus drives and motivated them to improve the number of recruitments for this year.
- The Committee made detailed discussion about the Schedule and panel member selection for the Administrative and Academic Audit to be held tentatively by July 2023.
- Heads of various departments are requested to encourage the students to take part in industrial training, internships/in-plant training.

IQAC Coordinator proposed the date for the next meeting and unanimously decided the tentative schedule during the month of July 2023.


Coordinator (IQAC)
COORDINATOR

Internal Quality Assurance Cell
Gnanamani College of Technology
Pachal (Po), Namakkal - 637 018


Chairperson

Principal
Gnanamani College of Technology
NH-7, A.K.Samuthiram, Pachal Post.
Namakkal Dist. - 637018, Tamilnadu

Copy to :

1. The Chairman and The Chairperson - GEI for kind information
2. CAO - GEI
3. Governing Council
4. Academic Director
5. Vice Principal – Administration & Vice Principal – Academic
6. HODs / Professors– to be circulated to all faculty members
7. All IQAC Committee members
8. File



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IQAC- ACTION TAKEN REPORT

Ref. NO. GCT/IQAC--ATR /2022-2023/04

It is hereby informed that IQAC meeting for the academic year 2022 - 2023 was held on 29.04.2023. With a view to strengthening the IQAC, the following points were discussed and the actions were taken.

Plan of Action	Action taken
Academic and Administrative Audit	The panel members were selected for Administrative and Academic Audit as per the committee's implication.
IQAC Annual plan	The IQAC Annual plan for the academic year 2023-2024 was submitted in Governing Council Meeting.
Add On Program/ Online Courses	<ul style="list-style-type: none">• AI&DS conducted add on program on "Website Development Using HTML, CSS and JAVASCRIPT-19.06.2023". 54 students got benefited.• 40 students were registered in various courses and 5 students got certified from CSE department.
NSS and YRS activities	NSS and YRS cell conduct Social Responsibility and Awareness programs for the benefit of rural and under privileged people.
Entrepreneurship Development Cell	<p>As per the Principal's instructions various sequence of awareness and skill industrial development training programs were conducted.</p> <ul style="list-style-type: none">• Department of ECE in association with EDC organized a Guest Lecture on "Entrepreneurship Awareness Programme for Outgoing Students" on 05.05.2023.

<p>The Committee discussed about the Admission process for the academic year 2023-2024 and the merit scholarship and other fee concession for the welfare of the students.</p>	<p>The Committee verified the department wise students admitted count, Merit Scholarship and fee concession given during admission 2023-2024.</p>
<p>New Lab installation and its equipments</p>	<p>Totally six equipments have been purchased by Agricultural Engineering on 03.05.2023. It costs Rs. 3,13,290/-</p>
<p>The IQAC Committee reviewed the outgoing students end semester project progress, report preparation, Conference and Journal publication details and asked to conduct the review as per the schedule.</p>	<p>The quality of projects and journals were reviewed by the IQAC committee through academic and administrative audit.</p> <ul style="list-style-type: none"> • T. Vignesh Pandi II year M.E CSE student published a journal on "Diabetic Retinopathy Detection Design and Implementation of Retinal Image" ISSN: 2395-0056 • J.Justinjegan from ECE department published a journal on "Alcohol Consume Detection and Wireless Monitoring Transportation System Using GSM Technologies". • K.Yagash from ECE department presented a paper in National Conference on Recent Advancements in Science, Engineering and Technologies- "Hand Gesture Recognition for Home Automation using Arduino and Open cv" on 03.05.2023 & 04.05.2023.
<p>Student Achievements</p>	<p>Students from various departments have participated in Webinars, Workshops, Conferences, Quiz and Symposium at other technical institutions.</p> <ul style="list-style-type: none"> • Sibitharsan.A from second year AI&DS successfully completed and certified in NPTEL Course. • Shanmugarja R Chemical Engineering student had completed and certified in NPTEL Course "Aspen Plus @ Simulation Software – a Basic Course for Beginners" • Madhumitha S from CSE had completed and certified in NPTEL "Programming in Java"

	<ul style="list-style-type: none"> • S Balamani III CSE student won 2nd prize in Chess competition conducted at Muthayammal Engineering College. • Madhunisha M III EEE won First prize in Power Point Presentation conducted in Bharathiyar Institute of Engineering for Women, Salem on 04.05.2023. • S.Priyanga and M.Jeeva III FT students participated in "National Millet Submit- 2023" organized by NIFTEM & SRM, Chennai on 06.05.2023. • Manikandan S(I-MCA)Second Prize in Treasure Hunt Event at Muthayammal Engineering College, Rasipuram. • Dhinesh Kanna R student of Chemical Engineering department won First Prize in Technical Quiz organized by V.S.B Engineering College on 03.07.2023.
<p>The Chairman of the committee instructed the Library HoD to complete the renewal process of all the subscriptions and conduct programmes.</p>	<p>Verified whether the Subscriptions and membership was renewed in the Central Library to get unlimited access on wealth of resources.</p> <ul style="list-style-type: none"> • Department of Library in association with IQAC and NDLI club organize an FDP programme on "Utilization of Library Resources" on 26.06.2023.
<p>The Committee advised all the departments to conduct Skill based technical programs in the recent technologies for the students to enhance their Skill sets.</p>	<p>All the departments conducted Skill based technical programs in the recent technologies for the students to enhance their Skill sets.</p> <ul style="list-style-type: none"> • Students from Biotechnology undergone Industrial Visit at Central Marine Fisheries Research Institute, Kochi on 04.05.2023 • Department of Mechanical Engineering students undergone IV in "Kerala Electrical & Allied Engineering Co.Ltd, Kochi" on 04.05.2023. • Students from BME undergone Industrial Visit at Cyrix Health Pvt Ltd, Kochin on 05.05.2023. Around 110 students got benefited.

	<ul style="list-style-type: none"> • Kiruthika R underwent an online internship at Atheena Pradian Pvt Ltd from 17.04.2023 to 12.05.2023. • Tabish M from II Year AI&DS undergone internship in "Project in Internship Creating Banking Application in Django Framework" from 28.02.2023 to 30.05.2023 at Cognitive-IT Solutions Pvt.ltd, India. • Saranraj P and Deepak M gained knowledge through internship "Web Designing" in livewire for 10days (03.07.2023 – 15.07.2023) • S.Monisha (IV/FT) underwent Internship in ITC limited, Pudukottai from 02.05.2023 to 01.06.2023.
Professional bodies and its activities	<p>All the departments conducted programs in association with professional bodies for the welfare of the students.</p> <ul style="list-style-type: none"> • Department of MCA in association with IAENG organized a guest lecture on "Innovation Team Lead in IT Sector" on 10.06.2023. • Department of Agricultural Engineering in association with IAENG organized a guest lecture on "Selection of crop and Establishment" on 15.06.2023. • Department of Biotechnology in association with IAENG organized a guest lecture on "Nourishing Young Minds towards Entrepreneurship" on 20.06.2023.
Quality Enhancement Activities	<p>IQAC focused on quality enrichment of teaching, learning, evaluation, research, extension and consultancy opportunities through Workshops, Seminars / Webinars, Symposiums, Guest Lectures and FDP by the respective departments. Some of the events are as follows.</p> <ul style="list-style-type: none"> • Department of BME conducted workshop on "Product Development – Biomedical Engineering" on 27.05.2023.

	<ul style="list-style-type: none"> • Department of Electrical and Electronics Engineering in association with IQAC organized an orientation programme on “How to write the Research article, Book and Book chapter” on 21.06.2023. • Department of Mechanical Engineering in association with IQAC organized a FDP on “How to Write a Research paper and get it published” on 23.06.2023. • Department of Electrical and Communication Engineering in association with IQAC organized a workshop on “Writing Research Proposals” on 24.06.2023. • Computer Science and Engineering in association with IQAC organized one day FDP on Innovative Pedagogies and Outcome Based Education- 28.06.2023. 65 faculties attended and got benefited. • Department of Science & Humanities conducted a seminar “The Recent Trends in Technology” on 11.05.2023.
IRP activities	Intellectual Property Rights cell conducted a workshop on “Writing Research Proposals” on 26.06.2023.
The chairman of IQAC encouraged all the faculty members to attend Conferences and to apply for Journal publications and patent work on innovative topics to strengthen the R&D activities.	<p>Faculties from various Departments attended Conferences and applied for Journal publications and patent work on innovative topics to strengthen the R&D activities and consultant activities. Some of the details are listed below:</p> <ul style="list-style-type: none"> • Dr.K.Anand, AP/ECE, published a paper entitled “Design and analysis of gate stack silicon on insulator Nanosheet FET for low power applications” in Silicon Springer. • Dr.Karpagalakshmi R.C, Prof&Head/AI&DS, published a paper entitled “Tracking nearby

	<p>ambulance using GPS single point positioning algorithm”.</p> <ul style="list-style-type: none"> • Dr.P.Arulmozhi, Prof/Mech, Applied Patent on “Agricultural Fertilizer Spreader Machine” on 17.05.2023 • Dr.R.Nagarajan, Prof/EEE, published a paper entitled “Performance Analysis of Clustering Technique using LEACH in Wireless Sensor Networks” in IEEE Publication (Scopus & Web of Science) • Dr.S.Gopinath, Hod/IT, published a paper “A Plant disease image using convolutional recurrent neural network procedure intended for big data plant classification” in Journal of Intelligent & Fuzzy Systems (SCI) • Mrs. C.Gunavathy AP/ECE, attended a conference on “Camera Vision Based Animal Beat Back System For Agriculture Using Machine Learning” at Karpagam Institute Of Technology on 05.05.2023 & 06.05.2023. • Mrs.U.SriAishwarya, AP/MCA registered for Ph.D.
<p>Achievements in Research and Development</p>	<ul style="list-style-type: none"> • Dr.N.Sivakumar from Department of Mechanical Engineering had completed his Doctorate of Philosophy under Dr.T.K.Kannan, Principal/GCT. • Dr.S.Gopinath, HoD/Information Technology had awarded Ph.D in Anna University. • Dr. P. Sreedhar from Department of Chemical Engineering had successfully completed Ph.D. • Dr.S.Krishnakumar, Faculty of Mechanical Engineering had completed Ph.D.
<p>Faculty Achievements/Activities</p>	<p>Many of our faculty members were given credentials by receiving awards and honorarium for their excellence and contribution as Chief Guest, Jury, Reviewer in reputed Journals, Best Teacher award or Young researcher award etc., For instance</p> <ul style="list-style-type: none"> • Mrs.P.Sathyasutha AP/CSE, acted as a resource person on workshop “Theory of Computing” at

Vivekanandha College of Technology on 17.05.2023.

- Mr.Parthipan.M AP/AGRI, attended six days FDP on Smart Manufacturing from 12.06.2023 to 17.06.2023 sponsored by AICTE conducted at KSR College of Technology, AICTE idea lab.
- Mrs.K.Vinopriya AP/AI&DS, attended two days online Workshop on "Foundation of Deep Learning and its applications" 19.06.23 & 20.06.23 at Division of Mathematics, school of advanced sciences, VIT Chennai.
- Ms. Chandra Kumari V, HOD/BT, attended a workshop on Cyber Crime Against Women Conclave '23 on 23.06.2023 organized by National Cyber Security Research Council Tamilnadu State women's Commission, Government of Tamilnadu.
- Mrs.P.Thenmozhi AP/ECE, attended a programme- SERB Sponsored on " Analog and Mixed Signal VLSI Design & Prototyping using Open Source EDA Tools" from 19.06.2023 to 23.06.2023 at Erode Sengunthar Engineering College.
- Dr.Karpagalakshmi R.C, Prof & Head/AI&DS, acted as Chief Guest Speaker National level technical symposium at Bharathiyar Institute of Engineering for women, Thalavasal on 04.06.2023.
- Dr.R.Umamaheswari Prof & HoD/CSE, acted as a External Auditor in Annai Mathammal Engineering College, Namakkal.
- Mr.Raajamurugan.S AP/Civil, made interaction with Muthayammal Engineering College students as Guest Lecturer on New Gen Building Materials Group-Advance Construction Materials on 06.07.2023.
- Mrs.R.Pradeepa, AP/IT, attended an Online International Faculty Development Program on

	<p>“Data Analyst” from 19 to 23 June 2023, organized by Andhra Pradesh State Skill Development Corporation (APSSDC).</p> <ul style="list-style-type: none"> • Mr. M.G.Vinodh Arrun AP/BME, successfully completed and certified for 12 Week NPTEL Course – Microprocessors and Microcontrollers.
Industrial Projects	<ul style="list-style-type: none"> • 4 students from Mechanical Engineering completed their project on “Study of water emulsive tire oil blends in diesel engine” at NTC Training Academy LLP. • 3 students from Mechanical Engineering worked on “Improvement of productivity and reduce the rework and rejection by using process control, manufacture tool, quality control method” at TVS-Sundram Fasteners Limited.
The Committee appreciated the efforts taken by the Training and Placement Cell towards strengthening the overall placed students in the Academic Year 2022-2023 by bringing reputed companies for on-campus and off-campus drives.	Various reputed companies were brought in for both on-campus and off-campus placement programs around 400 students from different departments got offers and recruitment is in process.
The committee suggested to have MOU with the company, so that students will learn the industrial skills directly by visiting company, by getting internships and conducting various programmes like guest lectures, seminars and workshops.	<ul style="list-style-type: none"> • Department of Chemical Engineering made Memorandum of Understanding with Southern Starch Products, Salem on 23.06.2023 for 5 years. • Department of AI&DS made MOU with Live wire, Namakkal for students welfare through Internship and Fellowship programmes.
The IQAC panel discussed about the new course approval status from AICTE, increase in intake of certain courses, classroom availability, Faculty requirement and laboratory set up etc.,	<ul style="list-style-type: none"> • Department of and Electrical and Communication Engineering was sanctioned to increase the intake from 60 to 120 seats. • Information Technology was increased from 120 to 180 seats during the academic year 2023-2024.


Coordinator (IQAC)
COORDINATOR

Internal Quality Assurance Cell
Gnanamani College of Technology
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